

AMENDMENT TO THE CLAIMS

The listing of claims will replace all prior versions and listings in the application.

Listing of Claims:

Cancel claim 1.

Claim 2 (Previously Presented) An apparatus for broadcasting an RF (radio frequency) signal comprised of analog FM frequency modulation) and digital signals and comprising:

    a splitter that receives said analog FM signal for splitting said FM signal into a fractional portion and a remainder portion;

    a summer for summing said fractional portion with said digital signal to provide a first combined signal;

    a main FM transmitter for amplifying said remainder portion to provide an amplified FM signal;

a digital transmitter for amplifying said first combined signal to provide an amplified combined signal; and

    further comprising a combiner that combines said amplified FM signal and said amplified combined signal to provide a said RF signal to be broadcasted, a phase adjuster located between said splitter and said summer for adjusting the phase of said fractional portion.

Claim 3 (Original)     An apparatus as set forth in claim 2 wherein said phase adjuster is manually adjustable.

Claim 4 (Previously Presented) An apparatus as set forth in claim 2 wherein said combiner is a signal coupler having a coupling coefficient in the range from about -3dB to about -9dB.

Claim 5 (Original)     An apparatus as set forth in claim 4 wherein said adjuster is manually adjustable.

Claim 6 (Original) An apparatus as set forth in claim 2 wherein said combiner is a signal coupler having a coupling coefficient on the order of around -5dB.

Claim 7 (Original) An apparatus as set forth in claim 6 wherein said adjuster is manually adjustable.

Cancel claim 8.

Claim 9 (Previously Presented) An apparatus for broadcasting an RF (radio frequency) signal comprised of analog FM frequency modulation) and digital signals and comprising:

a splitter that receives a said analog FM signal for splitting said FM signal into a fractional portion and a remainder portion;

a summer for summing said fractional portion with said digital signal to provide a first combined signal;

a main FM transmitter for amplifying said remainder portion to provide an amplified FM signal;

a digital transmitter for amplifying said first combined signal to provide an amplified combined signal; and

said digital signal is an IBOC inband on channel digital signal including a phase adjuster located between said splitter and said summer for adjusting the phase of said fractional portion.

Claim 10 (Original) An apparatus as set forth in claim 9 wherein said adjuster is manually adjustable.

Claim 11 (Previously Presented) An apparatus as set forth in claim 9 wherein said combiner is a signal coupler having a coupler coefficient on the order of about -3dB to about -9dB.

Claim 12 (Original) An apparatus as set forth in claim 11 wherein said adjuster is manually adjustable.

Claim 13 (Previously Presented) An apparatus as set forth in claim 9 wherein said combiner is a signal coupler having a coupling coefficient on the order of about -5dB.

Claim 14 (Original) An apparatus as set forth in claim 13 wherein said adjuster is manually adjustable.

Cancel claims 15-20.